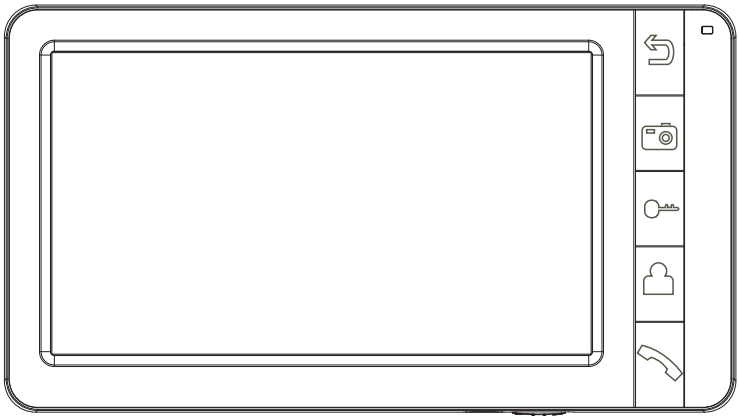
COLOR VIDEO DOOR PHONE
USER MANUAL



- Thank you for purchasing our products.
- The company is not responsible for any safety accidents caused by abnormal operation of the product.
- Please carefully read this User's Guide(in particular, precautions for safety) before using this product.

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Version 1.0

Warning and caution

Make sure to follow the instructions to prevent any danger or property losses.

Warning

Death or serious injury is expected.

It indicates prohibition.

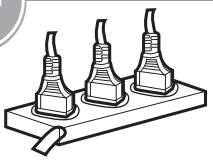
It indicates disassembly.

It indicates prohibition of contact.

It indicates dos and don'ts.

It indicates that the plug should be pulled out from the socket.

warning

<table>
<tr>
<td> 
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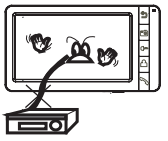
<td> 
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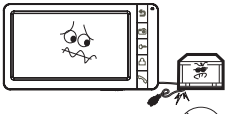
<td> 
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<tr>
<td>Do not put the plug in the socket simultaneously.
It may generate abnormal heat or cause a fire.</td>
<td>Do not connect to other products while in use.
It may cause breakdown.</td>
<td>Do not forcibly bend the cord or put a heavy object on the product.
It may cause a fire.</td>
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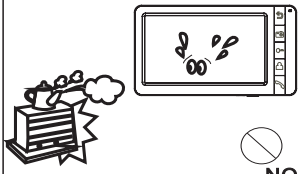
<td> 
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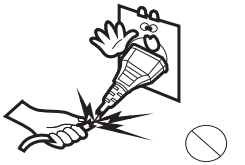
<td> 
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<td>Do not use water, thinner or a detergent used to wash oil products when you wash the exterior.
Make sure to wash it by using a dry cloth to prevent any breakdown or electric shock.</td>
<td>Do not install the product in a humid place.
It may cause an electric shock or a fire.</td>
<td>Do not forcibly pull out the cord from the socket.
If the cord is damaged, it may cause a fire or an electric shock.</td>
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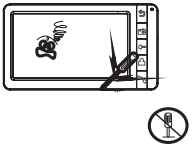
<td>  </td>
<td> </td>
</tr>
<tr>
<td>Do not put the plug in the socket with a wet hand.
It may cause an electric shock.</td>
<td>Do not disassemble, repair or modify the product.
It may cause a fire, an electric shock or an injury due to malfunction of the product.</td>
<td>Do not use AC circuit breaker.
It may cause an electric shock.</td>
</tr>
</table>

Caution

A injury or property losses are expected.

It indicates prohibition.

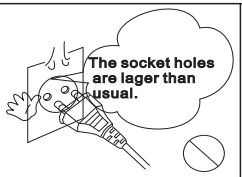
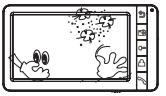
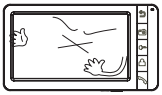
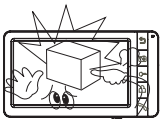
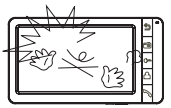
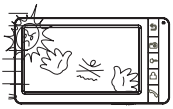
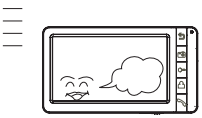
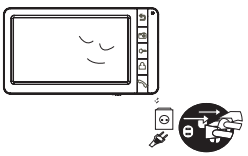
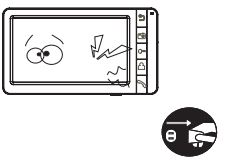
It indicates disassembly.

It indicates prohibition of contact.

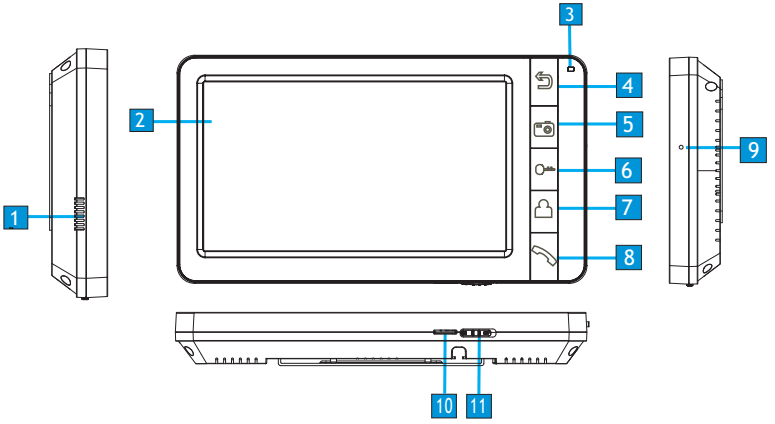
It indicates dos and don'ts.

It indicates that the plug should be pulled out from the socket.

CAUTION

 NO	 NO	 NO
If the socket holes are larger than normal, do not put the plug. It may cause an electric shock or a fire.	**Make sure that dust or foreign substances are not gathered on the product.**	**Make sure to prevent foreign substances from entering the product. It may cause a breakdown.**
	 NO	
Do not put a heavy object on the product. It may cause a breakdown.	**Do not disassemble or give an impact to the product.**	**Avoid direct rays of the sun or heating devices at a time of installation.**
		
Install the product in a flat and stable place. Otherwise, it may not function properly.	**Pull the plug if the product is not used for a long time.**	**If the product generates strange sound, make sure to pull the plug immediately and contact service center.**

The function and name of each part



No.	Item	Function description
1	Speaker	
2	LCD	
3	Indicator	Indicate the state of the system
4	Back key	Back to/Hang up
5	Menu key	Enter system settings
6	Unlock key	
7	Answer key	Answer/Call transfer
8	Monitor key	Monitoring
9	Microphone	
10	TF card slot	
11	Power switch	Power on/off

Features and main function

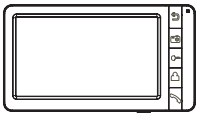
1.Features

- 7" color touch screen, high definition.
- Voice/color/contrast/brightness adjustable
- Maximum support 2 door panels + 4 monitors
- Support TF card(up to 32GB)
- OSD menu with various settings
- Multi-language interface
- 8 polyphonic call-melodies
- Comfortable mechanical keys
- Surface-mounted

2.Main function

- Real-time monitoring to doorbell or CCTV camera
- Auto taking pictures when someone presses door panel
- Answer machine function(auto leaving video message)
- Manual video recording and picture taking function
- Simple DVR function with motion detection
- Leaving audio message for families
- Multimedia function: photo frame, music playing
- Door panel call transfer to other monitors
- Make internal call to other monitors
- Monitor listening to other monitors
- Broadcast function
- “Don’t disturb” function
- Lock control
- Call transfer (Only available for the version with PSTN interface)

Package contents


Monitor

User manual

Wall bracket

2*Expansion bolt

Desiccant

2*M4*20
fixing screws

2x5 pin connector
(red/blue/yellow/
white/brown)

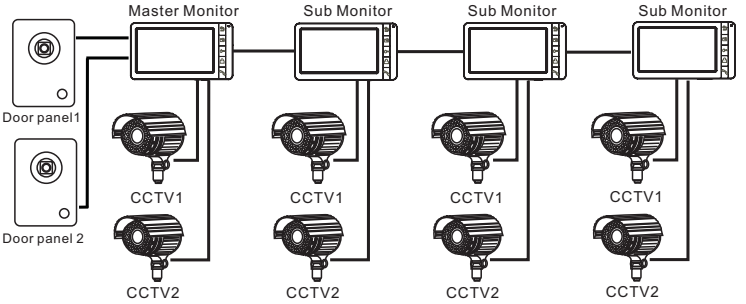
4 pin connector
(red/blue/yellow/
white)

4 pin connector
(white/blue/
white/blue)

System layout

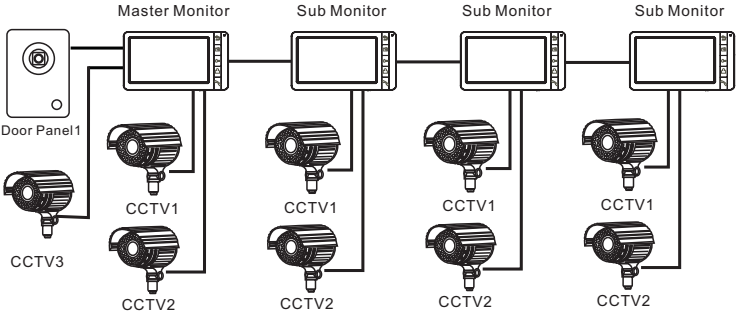
1.Connecting 2 door stations

The system can maximum support 1 master monitor , 2 door stations ,3 sub monitors and 8 CCTV cameras.



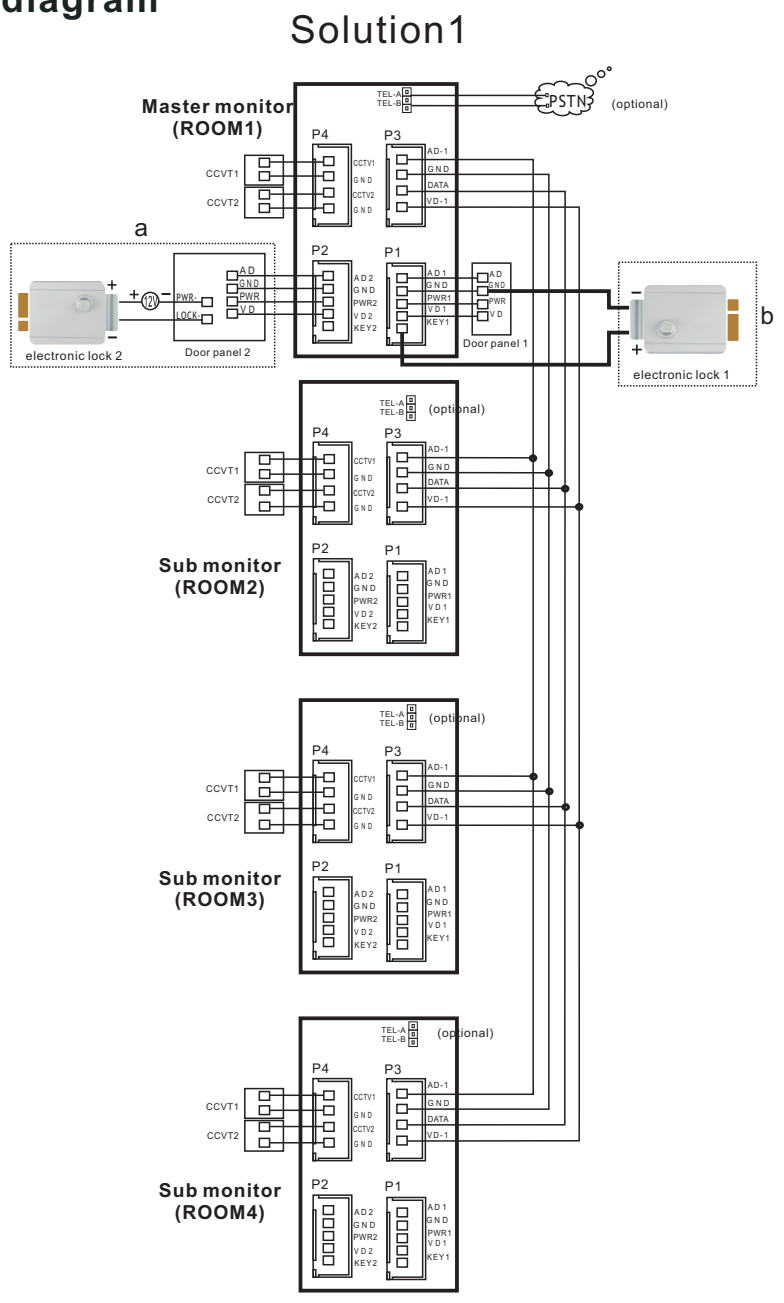
2.The port 2 connect to CCTV camera

The system can maximum support 1 master monitor , 1 door panel ,3 sub monitors and 9 CCTV cameras .

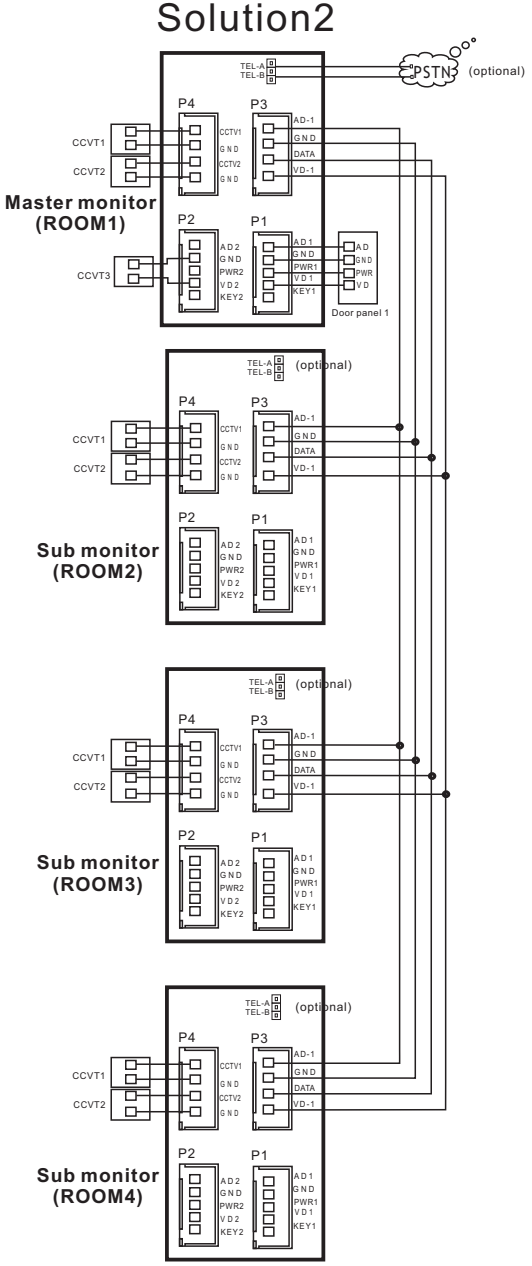


Note: Based on the actual usage ,please refer to “P25 system menu” to set the port state.

Wiring diagram



Wiring diagram

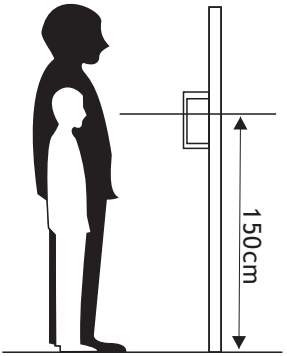


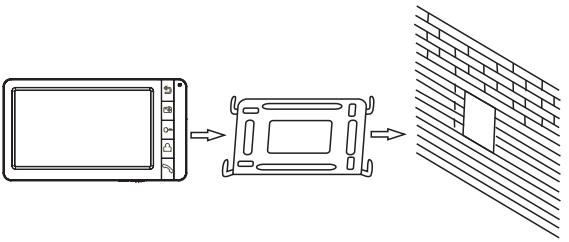
AD:Audio
VD:Video
PWR:Power
GND:Ground
DATE:Communication
CCTV:CCTV camera

Note: (a)Door panel unlock wiring: electronic lock 2+external power supply.
(b)Indoor monitor unlock wiring: electronic 1+bold black cable part.

Installation method

1.Refer to relevant wiring diagram for the system you have chosen and ensure you have the correct cable.
2.Determine Monitor positions and heights:
-suggest to install at 1.5~1.6Meters;
-suggest distance between indoor monitor and doorbell is at least 350 mm;
3.Ensure no power supply connection before installation finished
4.Take off the bracket from the back of the monitor.
5.Install the bracket on the wall with expansion bolts and screws.
6.Connect cables as per the wiring diagram indicated.
7.Fix the monitor onto the bracket.
8.Connect power when doorbell is installed.



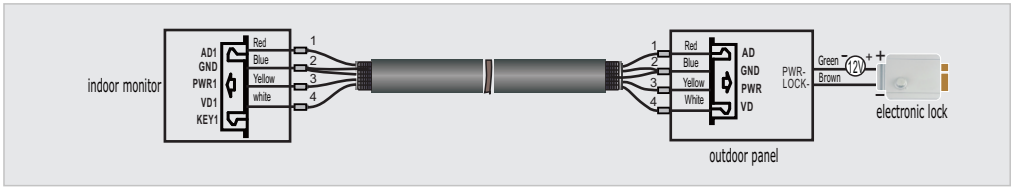


Cable specification

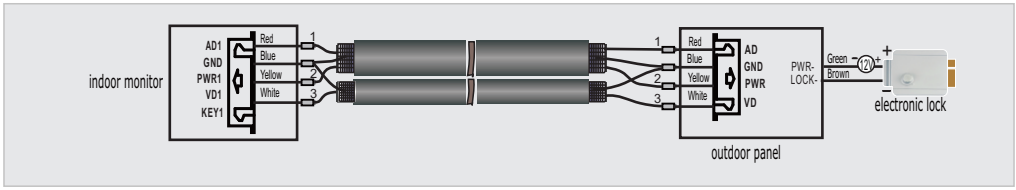
Our system has 2 solutions to unlock the door: Unlock signal from doorbell or unlock signal from monitor.(The cable shield wire needs to be grounded)

When signal from the doorbell,cable specification is:

- Distance between monitor and door station is less than 30 meters,shielded RVVP4x0. 3mm^2 cable is available;

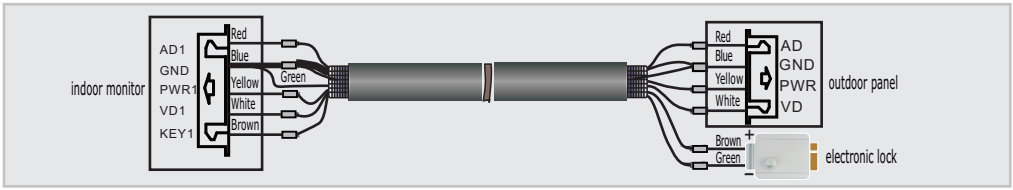


- Distance exceed 30 meters,please choose SYV-75-3 coaxial cable for video with another shielded 2*0.5mm^2 cable or professional cable SYV-75-3+RVVP2*0. 5mm^2 (recommend);

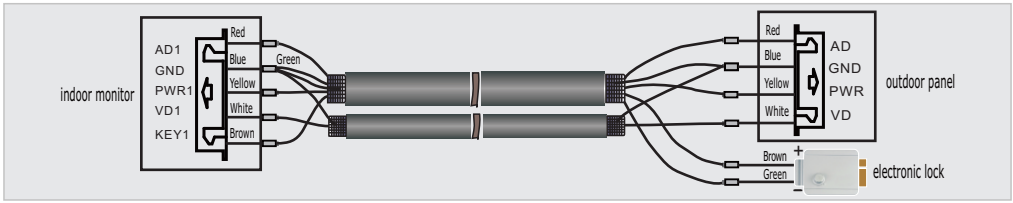


When signal is from monitor,cable specification is:

- Distance between monitor and door station is less than 30 meters,shielded 6*0.5mm^2 cable is available;



- Distance exceed 30 meters,please choose professional cable SYV-75-3+RVVP 4*0. 5mm^2 (recommend).



Operation guide

1. Type of actions

The system support five kinds of action types:

1.1.Click: Enter. In multimedia manager interface, click anywhere of blank place will show/hide the related operation menu.

1.**2.Left slide:** Left slide on the bottom of the screen can return to the last menu/View last picture.

1.**3.Right slide:** Hide the menu in multimedia interface/View next picture.

1.**4.Up slide:** In system settings, up slide to next page.

1.**5.Down slide:** In system settings, down slide to last page.

2. operation interface

When at call, answering or monitoring state, the below menu will show on the right of the screen, click the icon can make the related operation.

Icon description	Answer	Hang up	Call/Call transfer	Monitor switching	Function adjustment	Image capturing	Video recording	Unlock

Incoming call answer

When a visitor presses doorbell, the screen will show “INCOMING CALL”, Press to talk with the visitor.

At ringing/ answering state, press , then DOOR UNLOCKED will show on the screen. If there is another call incoming during conversation, SOMEONE IS VISITING DOOR 2 will display, press can switch to another visiting. At answering state, press can transfer the call to other monitors.

Monitor doorbells/CCTV cameras

At standby status, press button to monitor Doorbell 1, press button again, change the viewing screen to another video channel. When monitoring the doorbell, press button, you can talk with the visitor in front of the door, press again to unlock the door.

Broadcast function

At standby status , press and hold the button for 2 seconds, the screen will show BROADCAST REQUEST, the monitor in other rooms will show BROADCASTING . Now you can make broadcast to all other monitors .Press to end broadcast request.

Internal call among monitors

At standby status. press button to call other indoor monitor, If you have more than 2 monitors connected in the system, please click the target monitor on the screen to make the call, press button can hang up the call.

Talking volume/brightness/contrast/color/display mode adjustment

At monitoring, calling, intercom status, click the icon , volume icon will show on the screen, click + or − to adjust the volume. Click again, you can enter the BRIGHT/COLOR /CONT adjust screen.

“Don’t disturb” function

At standby status, click touch screen or press button to enter system main menu, click icon to turn on this function, then the icon will change to be , and the LED indicator will flickers. it means “Don’t disturb” mode is active. At such state, the monitor will not chime when someone calls to it. Click again, the “Don’t disturb” mode will be disabled. And the LED indicator will stop flicker. Also you can use SYSTEM SETTINGS menu to turn “DO NOT DISTURB” function on or off.

Note: If this function enabled , the monitor will be mute when receiving intercom, broadcast request too, and the buttons will keep light at the same time.

Monitor listening

At standby state, long press button to start the monitor listening function, If you have more than 2 indoor monitors ,there would be option rooms for choosing on screen, click target room to confirm.

Note:
a. At monitor listening state, monitoring part can hear the sound from be monitored room, but be monitored intercom can not hear the voice from the monitoring one.

b. When there are more than 2 monitors in the system, monitor listening function is available only when “BE MONITORED” option in system settings is enabled. Please check the system setting menu to see how to enable the monitor listening function.

Capture images

At ringing or monitoring status, press button to take a picture. If enable “Auto taking picture” function in system setting menu, the system will automatically take and save pictures when someone presses door panel. Please refer to “P24 system setting menu” for detail operation.

Manual video record

At monitoring or answering state, press button to start video recording function, press button again to stop recording.

Note: For operation of viewing and managing video files, please refer to P20.

Remark:

All of the above operations by buttons can be done on the touch screen too.

DVR function

a) SD card capacity must be over 2G, 8G memory card is recommended.

b) To enter the System setting menu to start the DVR function, detailed setting please refer to "P24 System Setup Menu";

c)When the start time and the end time are set as the same time, the DVR function will be active once screen waiting time ends. And it will keep working 24 hours per day

d) To get high quality video, we kindly suggest setup 640* 480 resolution.

e) DVR function only record images, and do not record sound.

Auto leaving message

This function allows your visitors to leave a video message for you while nobody is at home. You should set “ANSWER MODE ” to be “AUTO ANSWER” or enable the “AUTO LEAVING MESSAGE” option in the SYSTEM SETTINGS menu before leaving home . When a visitor presses the door panel, after the chime time ends (5 seconds), visitor will hear a voice from the door panel “Hello, no one is at home at the moment, please leave a message after the tone” and the indoor monitor will start video recoding after the tone. Video recording duration time is 20 seconds. After recording, the door panel will prompts “The recording is over, thank you”.

Note: For operation of viewing and managing the video messages, please refer to P20.

Family audio message

Recording an audio message

At standby status, click touch screen or press button to enter the system main menu, click icon to start recording, and the icon will turn red. After recording the message, click icon again to stop recording. After recording, there will be a number on the right top corner of icon.

Note: For operations of checking and managing messages and more operation, please refer to P21.

Change attention message for “Auto leaving message”/ “Auto answer” function

When “Auto leaving message” / “AUTO ANSWER” is enabled, if nobody answers after chime time ends, the visit will hear a voice attention message: “Hello, no one is at home at the moment, please leave a message after the tone”. If the user wants to change this attention message(BEGINNING TONE) into their own sound, please take the following steps:

Go to main menu and record one audio message, then click menu to enter the following menu. Choose the audio file you want to set as beginning tone, click to enter “CONFIG ATTENTION TONE” menu. Change the “TONE TYPE” to be “USER TONE”, then change the “PLAY TYPE” to be “BEGINNING TONE”. Also you can adjust the attention tone volume. After setting, click “ACT” to save it. Same operation to change the ENDING TONE.

Alarm clock and electronic calendar

1.Go to “ALARM CLOCK SETTINGS” in the “SYSTEM SETTINGS”, and enable one alarm clock.

2.When clock is alarming, you can turn off the alarm by clicking the chime icon at the left bottom corner of the screen.

3.At the screen of below Figure 1, click the alarm clock (The left bottom corner) or the display time (The right bottom corner), you can set the alarm clock or calendar in the shortcut way.

4.Please refer to P26 for detailed settings.

Figure 1

Transfer outdoor panel’s call to telephone/mobile (Only available for the version with PSTN interface)

1)Go to the system setting menu, set the "ANSWER MODE" to be "CALL TRANSFER". Then enter PHONE NUMBER SETTINGS menu and enter phone number which the call will be transferred to. Please refer to "P26 System settings menu."

2) If no one answers during CHIME TIME, the call will be transferred to the set telephone. “TRANSFERRING TO TELE” will display on the monitor's screen while transferring.

3)After picking up the call, the user will hear the chimes from the door panel.
a) Click “##” on the phone to talk with the visitor.
b) Click “**” on the phone to hang up the call.
c) Click “00" on the phone to unlock the door.

System main menu

At standby status, press button or click the screen to enter system main menu as Figure 2. Click the white icon can do the related settings/operations.

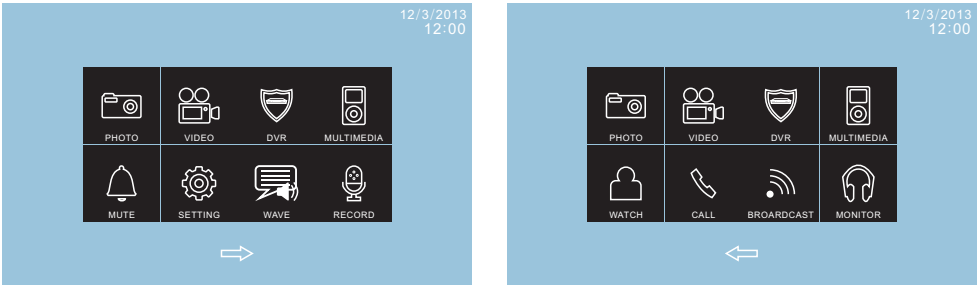


Figure 2

1) Multimedia menu

Pictures	Functions	Notes
	Review/delete captured images.	If there are new/unread images, there will be a number on the right top corner of the icon .
	Review/delete recored videos.	If there are new/unread videos, there will be a number on the right top corner of the icon.
	Review/delete recorded DVR files.	
	View/delete the pictures stored in TF card. Listen/delete the music files stored in TF card.	When you view images in the TF card, click or , then every five seconds will auto play next pictures.
	View/delete the recorded audio files. And can change prompts voice.	If there are new/unread audios, there will be a number on the right top corner of the icon.

1. View files

At standby state, press button to enter system main menu. If you have unread files, there will be a number on the right top corner of the multimedia icon. and this number is quantity of unread files. Click the icon can go to the following menu to check the unread files. On the end of each file name there is a status instruction “?”or “ √ ” When the state is "?", This means the file is unread file. When the status is "√″ , it means that the file has been viewed/ checked.

1.1 View captured images

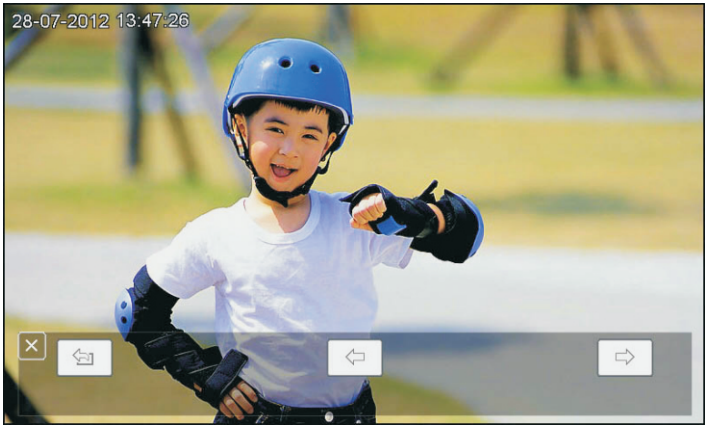


Figure 3

Click icon to view image files, click the file’s name then you can see image as Figure 3. Click the or to switch to another image. After that, the image will automatically switch in every 5 seconds. If you want to exit , click can return to the last menu.

1.2 Review video files

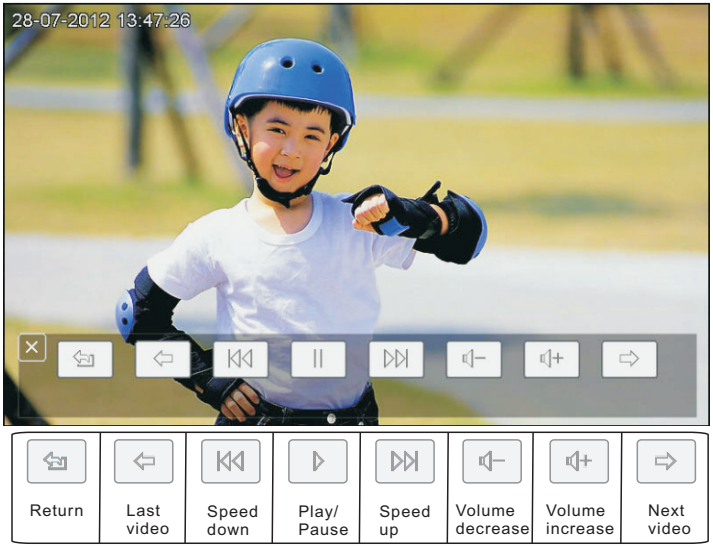


Figure 4

Click to go to video files list, click a video file to enter above Figure 4. Click the related icon can do the related operations. Left slide on the bottom of the screen can return to last menu. Speed range can be 1 ~ 32 X mode.

1.3 View DVR files

Click icon to go to DVR files list. The operations are the same as the above review video files.

1.4 View multimedia files

Click icon to enter review multimedia files list. You can view pictures and play music same as the above operatioins(Review images).

a) View images

same as the above operation “1.1 Review images”

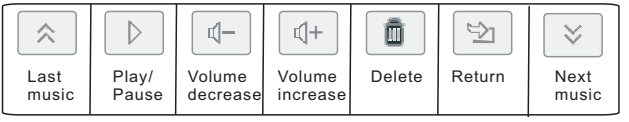
Note: When there is no TF card inserted ,you can review the pictures in the internal flash. If a TF card is inserted , you can view the pictures saved in the TF card.

b) Play music(see below image Figure 5)

Figure 5

1.5 View family leaving message

Click icon to enter message files list, click the file you want to listen. And the below menu will appear. Click anywhere of blank place can hide/show the menu. Left slide on the bottom of the screen can return to the last menu.



1.6 Delete single file or folder

If you want to delete a file or folder, you can select the single file or folder in the list, then Click icon to delete the selected file or folder, and the screen will show “ARE YOU SURE TO DELETE THE FILE ?” then click DELETE to confirm.

2) Shortcuts

Pictures	Item	Function description
	Back button	Enter calender screen/Exit/Return
	Watch	Enter monitoring function, short-press to switch channels
	Call	Enter intercom function
	broadcast	Enter broadcast function
	Monitor	Enter monitoring listening function
	Record	Enter record function
	Mute	Enter mute function

3) System setting

Pictures	Item	Function description
	System setup	Enter the system setting menu

System setting menu

No.	Setting items	Options	Note
1-1	CHIME TIME	10S/15S/20S/25S/30S/35S /40S/45S /50S/55S /60S	Chime duration time
1-2	CHIME VOLUME	10~100%	
1-3	CHIME TYPE SETTING	DOOR1 CHIME TYPE	00 -07
		DOOR2 CHIME TYPE	
		INTERCOM CHIME TYPE	
		RINGE TONE REPEAT	Ring tone will repeat when the option is
1-4	NO DISTURB		
			The indoor monitor will be mute when someone presses doorbells/make internal call/broadcast.

No.	Setting items	Options	Note
1-5	BE MONITORED		
1-6	ICON NAME		No icon names displayed on the screen
			The icon names will display on the screen
1-7	AUTO CAPTURE QUANTITY	DISABLE	Do not capturing images automatically
		1	Automatically capturing 1 image
		2	Automatically capturing 2 images
		3	Automatically capturing 3 images
1-8	COPY FILE TO SD CARD	CANCEL	
		COPY	
1-9	DVR SETTING	DVR ENABLE	
		MOTION DETECTION SENSITIVITY	
		BEGIN TIME	DVR starts working.
		END TIME	DVR ends working.
		FRAME RATE	
		RESOLUTION	
		RECORD LOCATION	
		SCREEN SAVER TIME	
1-9-1	DVR ENALBE		The DVR will start working at the BEGIN TIME.

No.	Setting items	Options	Note
1-9-2	MOTION DETECTION SENSITIVITY		It means whether the motion detection is start or sensitivity
		LOW	
		NORMARL	
		HIGH	
1-9-3	BEGIN TIME	HOUR:MINUTER	
1-9-4	END TIME	HOUR:MINUTER	.
1-9-5	FRAME RATE	1/2 FRAME/S	Related with TF card capacity,P27
1-9-6	RESOLUTION	320*240	Related with TF card capacity,P27
1-9-7	RECORD LOCATION	DOOR1	
		DOOR21(optional)	
		CCTV1(optional)	
		CCTV2(optional)	
1-9-8	SCREEN SAVER TIME	NEVER/01/02/03/04/ 05/10/15/20/25/30/35 /40/45/50/55/60MIN	The screen will be off when the set screen saver time arrives.
1-10(a)	AUTO LEAVING MESSAGE		
1-10(b)	ANSWER MODE	MANUAL ANSWER	
		AUTO ANSWER	Only valid when the device address set ROOM 1
		CALL TRANSFER	Only available for the model with telephone module
1-11	DEVICE ADDRESS	ROOM1/2/3/4	The option will be red if two monitors set the same address
2-1	PORT STATE	PORT2 STATE	DOOR2 / CCTV3
		DOOR2	
		CCTV1	
		CCTV2	

No.	Setting items	Options	Note
2-2	PHONE NUMBER SETTING	P/*/#/0/1/2/3/4/5/6/7/8/9	Set the call transfer number
2-3	SYSTEM TIME SETTING	DATE: DAY-MONTH-YEAR	
		TIME: HOUR:MINUTE:SECOND	
2-4	ALARM CLOCK SETTING	ALARM CLOCK 1	1. Each alarm clock can be set separately. 2. Since set time, it will alarm every 50 seconds till you turn the alarm clock off by press menu key
		ALARM CLOCK 2	
		ALARM CLOCK 3	
		ALARM CLOCK 4	
		ALARM CLOCK 5	
		ALARM CLOCK6	
		ALARM CLOCK CHIME TYPE	00 -07
2-4-1	SET ALARM CLOCK1/2/3/4/5	STATE	
		CYCLE TYPE	4 types available: SINGLE/WEEK/MONTH/YEAR
		WEEK SELECT	Only valid at Week Type.
		TIME	
		DATE	
2-4-1-1	STATE		
			The alarm will trigger at the set time.

No.	Setting items	Options	Note
2-4-1-2	CYCLE TYPE	SINGLE	
		WEEK	
		MONTH	
		YEAR	
2-4-1-3	WEEK SELECT	SUNDAY	You can set each day's state as enable/disable to create an alarm group you like.
		MONDAY	
		TUESDAY	
		WEDNESDAY	
		THURSDAY	
		FRIDAY	
		SATURDAY	
2-4-1-4	TIME	HOUR:MINUTE	
2-4-1-5	DATE	DAY-MONTH-YEAR	At Single Type, YEAR, MONTH and DAY are all valid; at Week Type, all options are invalid; at Month Type, only DAY is valid; at year type, only MONTH and DAY are valid.
2-5	SYSTEM FORMAT	FORMAT FLASH	
		FORMAT SD CARD	
2-6	PROGRAM VERSION		
2-7	BACKGROUND IMAGE SETTING	PICTURE1; COLOR1/2/3/4/5/6/7/8	
2-8	RESTORE DEFAULT	CANCEL	
		RESTORE	
2-9	LANGUAGE		

Note:
1) Long press: Press and keep for 2 seconds.
2) Auto leaving message setting only available for basic model.
3) Answer mode setting only available for the vision with PSTN interface.
4) Phone number setting only available for the version with PSTN interface.

Parameters of picture capturing, video recording and DVR

Picture Capturing Function

Storage location	Resolution ratio	Pictures quantity
Internal flash	320*240	Over 64 pcs
External TF card	640*480	Depends on the capacity of TF card

Video Recording Function

TF card capacity	Resolution ratio	Frame rate
1G	320*240	2
2G	320*240	5
4G	320*240	10
>=4G	640*480	10

DVR Function

TF card capacity	Resolution ratio	Frame rate	Continuous video recording time
<2G	No DVR function		
2G	320*240	1	Over 24 hours
4G	320*240	1, 2, 5	When setting frame rate to 1, over 48 hours
8G	320*240	1, 2, 5, 10	When setting frame rate to 1, over 96 hours
>=16G	320*240 or 640*480	1, 2, 5, 10	When setting frame rate to 1, over 192 hours

Note: For the same memory card, if DVR sets higher resolution and frame rate, then the DVR recording time will be shorter before card is full.

Specification

No.	Item	Content
1	Power consumption	50A(Max), 15mA(In standby)
2	Adapter input	AC100-240V , 50/60 Hz
3	Operation temperature	0℃ to +40℃
4	Operation humidity	0% - 95%
5	Display Panel	7 inch
6	Intercom function	Hands-free
7	Connection	4 wires
8	Dimension	210mm*116mm*25mm
9	Weight	417g

The products are subject to change without prior notice.